

Oil Field Environmental Incident Summary

Incident: 20150430143202 **Date/Time of Notice:** 04/30/2015 14:32

Responsible Party: DENBURY ONSHORE, LLC

Well Operator: DENBURY ONSHORE, LLC

Well Name: KING SWD SYSTEM D01

Field Name: SOUTH WESTHOPE

Well File #: 5150

Date Incident: 4/30/2015 **Time Incident:** 08:30

Facility ID Number:

County: BOTTINEAU

Twp: 162

Rng: 80

Sec: 24

Qtr:

Location Description: Leak is approximately 0.25 miles south of the King Tank Battery.

Submitted By: Josh Cuppy

Received By:

Contact Person: Rick Larson
5320 LEGACY DR
PLANO, TX 75024-3127

General Land Use: Cultivated

Affected Medium: Topsoil

Distance Nearest Occupied Building: 1.5 Mile

Distance Nearest Water Well: 1.5 Mile

Type of Incident: Pipeline Leak

Release Contained in Dike: No

Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
Oil						
Brine	40	Barrels	40	Barrels	40	barrels
Other						

Description of Other Released Contaminant:

Inspected:

Written Report Received: 1/25/2016

Clean Up Concluded: 9/16/2015

Risk Evaluation:

None

Areal Extent:

Impacted area is contained to a 40 ft by 120 ft area

Potential Environmental Impacts:

Soil will require removal.

Action Taken or Planned:

Shut in associated wells with the line. Area is being bermed by excavator and standing fluids recovered. Impacted soils will be hauled and new top soil brought back in.

Wastes Disposal Location: Back into system for liquid. Approved disposal facility for the solids.

Agencies Involved:**Updates**

Date: 4/30/2015 **Status:** Reviewed - Follow-up Required

Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Release due to pipeline leak on pipeline ROW. Followup is necessary.

Date: 5/4/2015 **Status:** Inspection

Author: O'Gorman, Brian

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on location at 18:00. 70 degrees F, sunny, south wind 5-15 mph. Observed the site and took photos. Approximately 70 cubic yards of soil were piled on the cultivated field east of the lease road. About 300 feet NW of the Croak A Battery Well 1 was an area that had been excavated to a width of approximately 16 feet by 45 feet in length and 3.5 feet in depth. Three piles of soil were sitting to the east and west of the excavation. Water was remaining in the bottom of the excavation. A chloride titration field test showed that the chlorides in the water were above 6903 ppm. Further remediation of the area will need to be completed to delineate the vertical and horizontal extent of the production water release in the area soils, due to the pipeline release and impacted soils resting on native soils. Further followup needed.

Date: 9/17/2015 **Status:** Inspection

Author: O'Gorman, Brian

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on location at 15:00. 57 degrees F, mostly cloudy, west wind 25-25 mph. Observed the site and took photos. The area where the release occurred was still open, showing the pipeline repaired and soil eroded into the bottom of the excavation. Excavated soil was still piled next to the hole, and an area approximately 100' by 150' feet south of the pipeline was bare with very little vegetation growing. Cleanup confirmation samples, waste manifests and documentation will be needed from the responsible party after the impacted soil is removed and the excavation filled. Otherwise, on-site inspection will be needed next summer to observe normal plant growth in the area.

Date: 10/8/2015 **Status:** Inspection

Author: Stockdill, Scott

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on location 10/8/2015.

Area of approximately 1 acre is dead and shows signs of degradation due to produced water spill in April. The pipeline is exposed, and there are no signs of recent work.

More follow-up is necessary to ensure proper cleanup.

Date: 11/12/2015 **Status:** Inspection

Author: Stockdill, Scott

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on location 11/12/2015.

The excavation has been filled, and it appears new soil has been brought in. The area that appears to be impacted by the produced water spill is still visible.

More followup is necessary.